

Title (en)  
Substituted quinoline derivatives, process for their preparation and their use

Title (de)  
Substituierte-Chinolinderivate, Verfahren zu ihrer Herstellung und ihre Verwendung

Title (fr)  
Dérivés de quinoléines substituées, procédé pour leur préparation et leur utilisation

Publication  
**EP 0697405 B1 20020814 (DE)**

Application  
**EP 95112585 A 19950810**

Priority  
DE 4428932 A 19940816

Abstract (en)  
[origin: EP0697405A1] 4-Methylene-2-quinolones of formula (I) and their tautomers of formula (Ia) and their isomers, salts and prodrugs are new:  
n = 0-4; R1 = halo, CF3, OCF3, OH, alkyl, cycloalkyl, alkoxy, alkoxyalkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, NO2, NH2, azido, alkylamino, dialkylamino, piperidino, morpholino, pyrrolidino, acyl, acyloxy, acylamino, CONH2, COOH, alkoxycarbonyl, SO3H, SO2NH2, Ar, OAr, COOAr, SAR, SOAr, SO2Ar, SO3Ar, OSO2Ar, SO2NHAr, NHSO2Ar, COAr, Ar', etc.; Ar,Ar' = phenyl and heteroaryl resp., etc.; X = O, S, Se, NR2 or NOR2; R2 = H; alkyl opt. substd. by halogen, CN, NH2, OH, etc.; R5, R6 = COOH or gps. as defined for R2; or R5+R6 forms a 3-8C carbocyclic ring; R3,R4 = alkyl, alkenyl, cycloalkyl or cycloalkenyl, etc.; or R3+R4 = a 3-8C carbocyclic ring; or R3+R4 = CZ1Z2 gp., where Z1 and Z2 are as defined for R3 and R4 as above; provided that X is not O when R1=R2=R5=R6=H and R3=R4=Me or R3+R4= (CH2)4.

IPC 1-7  
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IPC 8 full level  
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